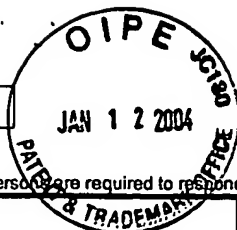


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			Application Number	10/688,516	
			Filing Date	October 17, 2003	
			First Named Inventor	Stephen John Howell	
			Group Art Unit		
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Sheet	1	of	1	Attorney Docket Number	130559

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
	AA	6,045,325		Horvath, et al.	04/04/2000	
	AB	5,911,679		Farrell, et al.	06/15/1999	
	AC	5,820,024		Ausdenmoore, et al.	10/13/1998	
	AD	5,281,085		Lenahan, et al.	01/25/1994	
	AE	5,273,396		Albrecht, et al.	12/28/1993	
	AF	5,228,828		Damliis, et al.	07/20/1993	
	AG	5,222,360		Antuna, et al.	06/29/1993	
	AH	4,950,129		Patel, et al.	08/21/1990	
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